

CLAIMS

What is claimed is:

1. A wet-wipe comprising a non-woven composite elastic material comprising:
at least one non-woven elastic layer;
5 at least one non-woven gatherable layer; wherein the gatherable layer is bonded to the elastic layer at at least two points; and the gatherable layer is gathered between the bonded points; wherein the composite elastic material has a density less than about 0.085 g per cubic cm and has a CD tensile strength of greater than about 0.68 pounds; and a liquid.
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2. A wet-wipe comprising a non-woven composite elastic material comprising:
at least one non-woven elastic layer;
at least one non-woven gatherable layer;
15 at least one non-woven gatherable layer; wherein the gatherable layer is bonded to the elastic layer at at least two points; and the gatherable layer is gathered between the bonded points; wherein the composite elastic material has a cup crush less than about 120 g per cm and a CD tensile strength of greater than about 0.68 pounds; and a liquid.
- 20 3. A wet-wipe comprising a non-woven composite elastic material comprising:
at least one non-woven elastic layer;
at least one non-woven gatherable layer;
at least one non-woven gatherable layer; wherein the gatherable layer is bonded to the elastic layer at at least two points; and the gatherable layer is
25 gathered between the bonded points; wherein the composite material has a cup crush to density ratio of less than about 1579 cm² and greater than about 950 cm² ; and a liquid.
- 30 4. The wet-wipe according to claims 1, 2, or 3, wherein the elastic layer is selected from the group consisting of an elastic film, an elastic web, elastic fibers and any combination thereof.

5. The wet-wipe according to claim 4, wherein the elastic layer comprises an elastic web.
- 5 6. The wet-wipe according to claim 4, wherein the elastic layer comprises elastic fibers.
7. The wet-wipe according to claim 4, wherein the elastic layer comprises elastic fibers and a non-woven web.
- 10 8. The wet-wipe according to claim 7, wherein the elastic fibers comprise polyethylene.
9. The wet-wipe of claim 7, wherein the elastic fibers are substantially parallel.
- 15 10. The wet-wipe of claim 9, wherein the substantially parallel elastomeric filaments are autogenously bonded to at least a portion of the web fibers.
11. The wet-wipe of claim 7, wherein the elastic fibers are embedded in the web.
- 20 12. The wet-wipe according to claims 1, 2, or 3, wherein the gatherable layer is a composite material.
13. The wet-wipe according to claim 8, wherein the gatherable layer is coform.
14. The wet-wipe of claim 12, the gatherable layer comprises polypropylene.
15. The wet-wipe of claim 12, wherein the gatherable layer is non-elastic.
- 30 16. A wet-wipe according to claim 3, wherein the composite material has a cup crush to density ratio of less than about 1400 cm² and greater than about

1100.

17. A wet-wipe according to claim 16, wherein the composite material has a cup crush to density ratio of less than about 1300 cm² and greater than about 1100.

18. The wet-wipe according to claim 1, wherein the material has a cup crush less than about 120 g cm.

19. The wet-wipe of claims 2 or 18, having a cup crush less than about 110 g cm.

20. The wet-wipe of claim 19, having a cup crush less than about 90 g cm.

21. The wet-wipe of claim 20, having a cup crush less than about 70 g cm.

22. The wet-wipe according to claim 2, wherein the material has a density less than about 0.085 g per cubic cm.

23. The wet-wipe of claims 2 or 22, wherein the material has a density less than about 0.075 g per cubic cm.

24. The wet-wipe of claims 23, wherein the material has a density less than about 0.060 g per cubic cm.

25. The wet-wipe of claims 1 or 2, wherein the material has a CD tensile strength of greater than about 0.75 pounds.

26. The wet-wipe of claim 25, wherein the material has a CD tensile strength of greater than about 0.80 pounds.

27. The wet-wipe of claim 26, wherein the material has a CD tensile strength of

greater than about 0.90 pounds.

28. The wet-wipe of claims 1, 2 or 3, wherein the basis weight of the composite elastic material is from about 75 to about 90 grams per square meter.

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29. The wet-wipe of claim 28, wherein the basis weight of the composite elastic material is about 85 grams per square meter.

30. The wet-wipe of claim 28, wherein the composite elastic material comprises

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- a) an elastic layer comprising elastic fibers bound to a elastic web; and
- b) two gatherable layers comprising coform;

wherein the elastic layer is positioned between the two gatherable layers.

31. The wet wipe of claims 1, 2 or 3, wherein the liquid is distributed within the layers; and the liquid comprises at least one material selected from the group of materials including preservatives, fragrances, emollients, humectants, detergents and soaps.

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32. A wet-wipe comprising:

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a non-woven composite material comprising fibers and a polymer; wherein the composite material has a density less than about 0.085 g per cubic cm and has a CD tensile strength of greater than about 0.68 pounds; and a liquid.

33. A wet-wipe comprising:

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a non-woven composite material comprising fibers and a polymer; wherein the composite material has a cup crush less than about 120 g per cm and a CD tensile strength of greater than about 0.68 pounds; and a liquid.

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34. A wet-wipe comprising:

a non-woven composite material comprising fibers and a polymer; wherein the composite material has a cup crush to density ratio of less than

about 1579 cm² and greater than about 950 cm²; and a liquid.

35. A wet-wipe comprising:

a non-woven composite material comprising fibers and a polymer;

5 wherein the composite material has a cup crush to density ratio of less than about 1579 cm² and a CD tensile strength of greater than about 0.68 pounds; and a liquid.

36. A method for preparing a wet-wipe according to claims 1 2 or 3, wherein the

10 wet-wipe has at least one non-woven elastic layer; and at least one non-woven gatherable layer comprising bonding the elastic and gatherable layers at at least two points.

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